REVISION LETTER For Disc 24-2009 Licensed to npan. Printed on 18 Dec 2009. **JEPPESEN**

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EFF DATE

Page 1

Changed chart(s) since Disc 23-2009

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT PROCEDURE IDENT

INDEX REV DATE

No revision activity since Disc 23-2009

TERMINAL CHART NOTAMS

No Chart NOTAMs for Airport URML

Airport Information

URML (Uytash)

JEPPESEN
JeppView 3.6.3.1

General Info

Makhachkala, RUS N 42° 49.0' E 47° 39.2' Mag Var: 5.5°E

Elevation: 15'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: Jet A-1

Time Zone Info: GMT+3:00 uses DST

Runway Info

Runway 14-32 8661' x 138' concrete

Runway 14 (142.0°M) TDZE -1'

Lights: Edge, ALS

Runway 32 (322.0°M) TDZE 12'

Lights: Edge, ALS

Communications Info

ATIS **125.475**ATIS **124.8** Non-English
Makhachkala Start Tower **121.3** Non-English
Makhachkala Approach Control **119.7** Non-English
Makhachkala Krug Radar **121.3**

Notebook Info

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MAKHACHKALA, RUSSIA JEPPESEN URML/MCX (10-2) UYTASH (QFE) Alt Set: MM (hPa on request) QNH on request Apt Elev Trans level: FL108 Trans alt: 9860' (9861') 15' 125.47 (Russian 124.8) Crossings at airway exit points by ATC. AGALA 2A [AGAL2A] AGALA 2B [AGAL2B] 8600 LIKSU 2A [LIKS2A] LIKSU 2B [LIKS2B] **RWY 14 ARRIVALS** E048 52.0 FROM NORTHEAST & SOUTHEAST Intercept final at 1320' (1**321**') 17.0 0 AGALA At 2300' (**2301**') SCALE At 591 (5911 CONVERSION FL3300m 0 365 HC 51.3 E047 740 H 50.0 E047 FL 108

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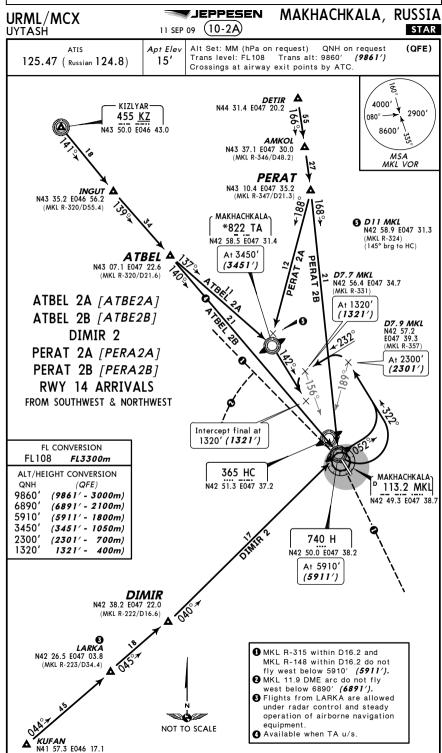
CHANGES: ATIS commissioned.

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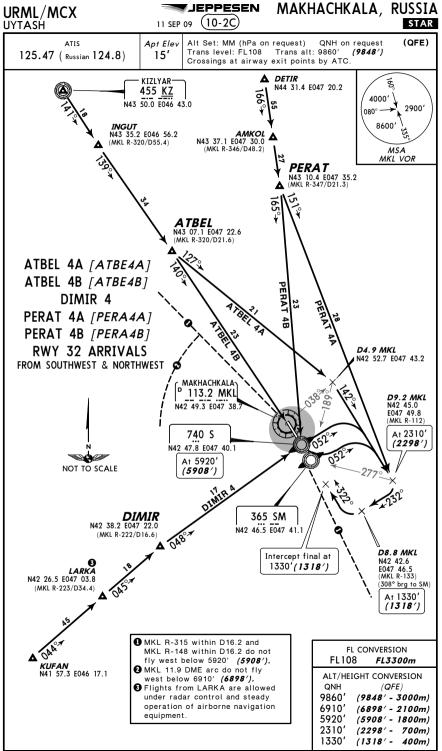
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JEPPESEN MAKHACHKALA, RUSSIA URML/MCX (10-2B) 11 SEP 09 UYTASH (QFE) Alt Set: MM (hPa on request) QNH on request Apt Elev Trans level: FL108 Trans alt: 9860' (9848') 125.47 (Russian 124.8) Crossings at airway exit points by ATC. AGALA 4A [AGAL4A] 4000' AGALA 4B [AGAL4B] 2900' 080° ---LIKSU 4A [LIKS4A] 8600' LIKSU 4B [LIKS4B] **RWY 32 ARRIVALS** MKL VOR FROM NORTHEAST & SOUTHEAST 0 MAKHACHKALA 113.2 MKL ALABO N43 12.3 E048 52.0 N42 49.3 E047 38.7 740 S **AGALA** N42 57.4 E048 05.5 N42 47.8 E047 40.1 N43 08.1 E048 39.4 (MKL R-062/D21.3) At 5920 At 5920' (MKL R-061/D48.4) (5908') (5908') **D15.4 MKL** N42 52.1 E047 59.3 At 4940' (4928')Θ MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5920' (5908'). D9.7 MKL ■ E047 49.8 1 D9.2 MKL 365 SM N42 45.0 E047 49.8 (MKL R-112) N42 46.5 E047 41.1 At 2310' (2298') Intercept final at Ø 0 LIKSU N42 35.2 E048 01.2 (MKL R-124/D21.8) 1330 (1318')**BALIP** N42 29.6 E048 34.2 1 D8 MKL **1** D8.8 MKL D18.5 MKL (MKL R-109/D45.5) N42 36.9 N42 42.6 E047 46.5 (MKL R-133) N42 42.6 F047 44 6 E047 57.4 (MKL R-126) (MKL R-141) (320° brg to SM) (308° brg to SM) At 4940' **AGATO** (4928')At 1330' At 1330' N42 16.0 E048 32.4 (1318') (1318')AGNET A BISNA N42 13.8 E048 12.7 N42 14.0 E049 17.0 FL CONVERSION **NESAD** N42 06.0 E048 17.0 FL108 FL3300m ALT/HEIGHT CONVERSION QNH (QFE) 9860' (9848' - 3000m) 5920' (5908' - 1800m) 4940' (4928' - 1500m) 2310' NOT TO SCALE (2298' - 700m) 1330′ (1318' - 400m)

CHANGES: ATIS commissioned.

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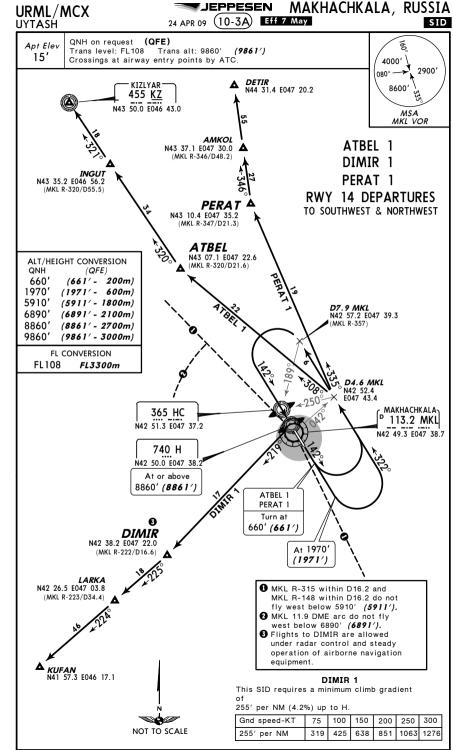
CHANGES: MKL VOR commissioned; MSA center; transition to BISNA established.

URML/MCX

MAKHACHKALA, RUSSIA JEPPESEN 24 APR 09 (10-3) Eff 7 May

UYTASH QNH on request (QFE) Apt Elev Trans level: FL108 Trans alt: 9860' (9861') 15' Crossings at airway entry points by ATC. 4000' 2900' 080° ---AGALA 1 8600' LIKSU 1 MSA MKL VOR **RWY 14 DEPARTURES** TO NORTHEAST & SOUTHEAST ALABO E048 52.0 **RIRAN** N43 08.1 E048 39.4 (MKL R-061/D48.4) **AGALA** N42 57.4 E048 05.5 MAKHACHKALA .061° D21.3 A 060° 113.2 MKL N42 49.3 E047 38.7 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5910' (5911'). (661') LIKSU N42 35.2 E048 01.2 (MKL R-124/D21.8) N42 29.6 E048 34.2 (MKL R-109/D45.5) DASS **BISNA AGATO** N42 14.0 E049 17.0 N42 16.0 E048 32.4 **AGNET** N42 13.8 E048 12.7 (MKL R-124/ NOT TO SCALE NESAD N42 06.0 E048 17.0 ALT/HEIGHT CONVERSION QNH (QFE) 660' (661' - 200m) 5910' (5911' - 1800m) 9860' (9861' - 3000m) FL CONVERSION FL108 FL3300m © JEPPESEN, 2006, 2009. ALL RIGHTS RESERVED.

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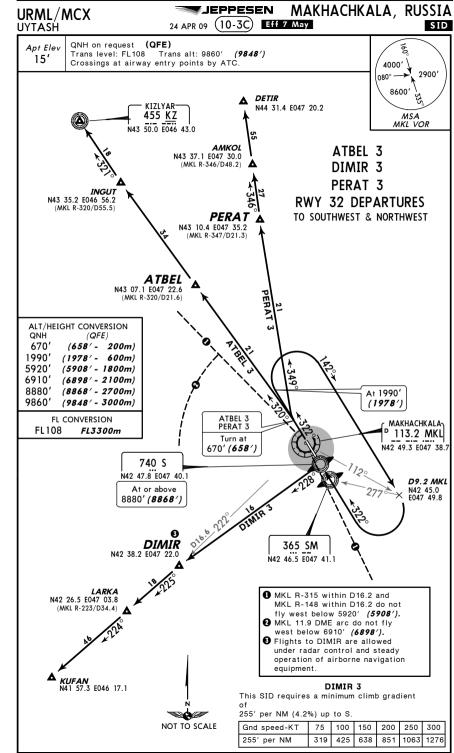
JEPPESEN MAKHACHKALA, RUSSIA URML/MCX 24 APR 09 (10-3B) Eff 7 May UYTASH

QNH on request (QFE) Apt Elev Trans level: FL108 Trans alt: 9860' (9848') 15' Crossings at airway entry points by ATC 4000' 2900' 080° ---AGALA 3 8600' LIKSU 3 MSAMKL VOR **RWY 32 DEPARTURES** TO NORTHEAST & SOUTHEAST ALABO **RIRAN** N43 08.1 E048 39.4 (MKL R-061/D48.4) **AGALA** N42 57.4 E048 05.5 AGALA 3 **D5 MKL** N42 50.2 E047 45.4 At 670' MKL R-315 within D16.2 and (658') MKL R-148 within D16.2 do not fly west below 5920' (5908'). MAKHACHKALA₁ [□] 113.2 MKL N42 49.3 E047 38.7 LIKSU N42 35.2 E048 01.2 365 SM N42 46.5 E047 41.1 N42 29.6 E048 34.2 MKL R-109/D45.5) **BISNA AGATO** N42 14.0 E049 17.0 N42 16.0 E048 32.4 AGNET A N42 13.8 E048 12.7 NOT TO SCALE NESAD N42 06.0 E048 17.0 ALT/HEIGHT CONVERSION ONH (QFE) 670' (658' - 200m) (5908' - 1800m) 5920' 9860' (9848' - 3000m) FL CONVERSION FL108 FL3300m

CHANGES: MKL VOR commissioned; MSA center; transition to BISNA established.

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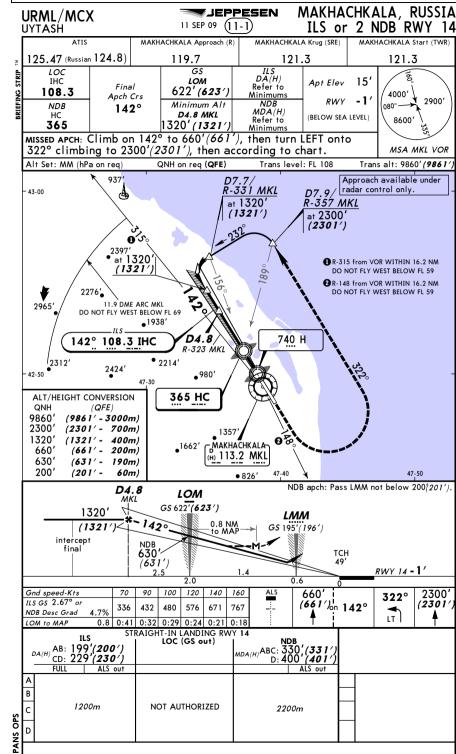


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URML/MCX MAKHACHKALA, RUSSIA JEPPESEN Apt Elev 15' 11 SEP 09 (10-9) **UYTASH** N42 49.0 E047 39.2 MAKHACHKALE Start (TWR) ATIS 125.47 (Russian 124.8) 121.3 Taxiing along twy 1 & 2 is at minimum speed strictly along the centerline under inner engines power. PARKING POSITIONS VOR © COORDINATES STAND N42 49.3 E047 39.3 2.3 N42 49.2 E047 39.3 ^{75′}Λ NOT TO SCALE TERMINAL WET LEGEND Grass taxiway Taxiing on Twy 1 for acft with a wing span more than 98'/30m by narshaller. ADDITIONAL RUNWAY INFORMATION USABLE LENGTHS
- LANDING BEYOND — RWY Threshold Glide Slope TAKE-OFF WIDTH 7628′ *2<u>325</u>m* 138' RVR RL(60m) ALS 7932' 2418m 42m 32 230' Grass runway 32 TAKE-OFF RUN AVAILABLE RWY 14: From rwy head 8661' (2640m) RWY 32: From rwy head 8661' (2640m) twy 1 int 4528' (1380m) twy 2 int 5249' (1600m) twy 1 int 4134' (1260m) twy 2 int 3412' (1040m) TAKE-OFF AIR CARRIER (JAA) Main rwy 14/32 LVP must be in force RCLM (DAY only) RCLM (DAY only) 250m 400m 300m

CHANGES: ATIS frequency. Apron. © JEPPESEN, 2001, 2009. ALL RIGHTS RESERVED.

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JEPPESEN Licensed to прап. Printed on 18 Dec 2009. JeppView 3.6.3.1 NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 24-2009 MAKHACHKALA, RUSSIA JEPPESEN URML/MCX 11 SEP 09 (11-2) ILS or 2 NDB Rwy 32 UYTASH MAKHACHKALA Start (TWR) ATIS MAKHACHKALA Approach (R) MAKHACHKALA Krug (SRE) 125.47 (Russian 124.8) 119.7 121.3 121.3 LOC GS DA(H) ISM LOM Refer to Final Apt Elev 15' 109.9 636' (624') 4000' Minimums Apch Crs 2900 NDB NDB Minimum Alt 322° 12 RWY MDA(H)D5.6 MKL 8600' Refer to 365 1330′*(1318′)* Minimums MISSED APCH: Climb on 322° to 670′(658′), then turn RIGHT onto MSA MKL VOR 142° climbing to 2310′ (2298′), then according to chart. Alt Set: MM (hPa on reg) QNH on reg (QFE) Trans level: FL 108 Trans alt: 9860'(9848') • 2397' Approach available under radar control only. 1646 42-55 • R-315 from VOR WITHIN 16.2 NM 2276' DO NOT FLY WEST BELOW FL 59 2 R-148 from VOR WITHIN 16.2 NM 2965' DO NOT FLY WEST BELOW FL 59 11.9 DME ARC MKL • 1938 MAKHACHKALA (H) 113.2 MKL DO NOT FLY WEST BELOW FL 69 2312' 2214' 980′ 42-50 2424 740 S D9.3/ R-112 MKL 1433' 365 SM at 2310' 1655' 1357 (2298')1662' 322° 109.9 ISM D5.6/ 277 ALT/HEIGHT CONVERSION R-141 MKL QNH (QFE) 42-45 9860' (9848' - 3000m) 1256′ 2310' (2298' - 700m) D8.8/ R-133 MKL 1330' (1318' - 400m) 1213 00 at 1330' 670' (658' - 200m) 1226' (1318') 640' (628' - 190m) 2204 (198' - 60m) 47-40 NDB apch: Pass LMM not below 210'(198'). **D5.6** MKL LOM GS636'(624') 1330 **LMM** 0.9 NM to MAP GS 209'(197') (1318') intercept final TCH 640 (628') RWY 32 12' 2.3 Gnd speed-Kts 70 90 100 120 140 160 ALS 670' 2310′ (**2298**′) 142° (658') 322° ILS GS 2.67° or 336 432 480 576 671 767 RT NDB Desc Grad 4.7% LOM to MAP 0.9 0:46 0:36 0:32 0:27 0:23 0:20 STRAIGHT-IN LANDING RWY 32 NDB MDA(H) ABC: 350'(**338'** D: 410'(**398**' DA(H) AB: 212'(200')
CD: 242'(230')
FULL ALS out LOC (GS out) ALS out NOT AUTHORIZED 1200m 2300m CHANGES: ATIS frequency.

